

2-3-1. OPERATING PROCEDURES (cont)

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Table 2-5 Test Selection Guide

Test Number	Type of Test	Offset Test Required	Description	Para Number
CONTROL FUNCTIONS				
01	Control		Display RPM with next measurement	2-3-5
02	Control		Display minimum value of next measurement	2-3-6
03	Control		Display maximum value of next measurement	2-3-7
04	Control		Display peak to peak value of next measurement	2-3-8
05	Control		SI full power simulation	2-3-9
06	Control		Display two measurements	2-3-10
07-09			Spares (not used in current STE/ICE-R)	
ENGINE TESTS				
10	General		Engine RPM average	2-3-20
11	General		Engine RPM cranking	2-3-21
12	Special		Power (RPM/See)	2-3-42
13	Special		Power (percent)	2-3-43
14	Special		Compression unbalance-(power cable)	2-3-44
15	Special		Compression unbalance (test probe)	2-3-45
IGNITION TESTS				
16	General		Dwell angle	2-3-22
17	General		Points voltage	2-3-23
18	DCA only		Refer to vehicle/equipment TM	
19			Spare	
20			RESERVED	
FUEL/AIR SYSTEMS TESTS				
21	DCA only		Refer to vehicle/equipment TM	
22	DCA only		Refer to vehicle/equipment TM	
23	OCA only	yes	Refer to vehicle/equipment TM	
24	DCA only	yes	Refer to vehicle/equipment TM	
25	DCA only	yes	Refer to vehicle/equipment TM	
26	DCA only		Refer to vehicle/equipment TM	
27	DCA only		Refer to vehicle/equipment TM	
28	DCA only	yes	Refer to vehicle/equipment TM	
29	DCA only	yes	Refer to vehicle/equipment TM	
30	DCA only	yes	Refer to vehicle/equipment TM	
31	DCA only	yes	Refer to vehicle/equipment TM	

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1-3-1. OPERATING PROCEDURES (cont)

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Table 2-5 Test Selection Guide (cont)

Test Number	Type of Test	Off set Test Required	Description	Para Number
FUEL/AIR SYSTEMS TESTS (cont)				
32	DCA only	yes	Refer to vehicle/equipment TM	
33	DCA only	yes	Refer to vehicle/equipment TM	
34	DCA only	yes	Refer to vehicle/equipment TM	
LUBRICATION/COOLING SYSTEMS TESTS				
35	DCA only	yes	Refer to vehicle/equipment TM	
36	DCA only	yes	Refer to vehicle/equipment TM	
37	DCA only	yes	Refer to vehicle/equipment TM	
38	DCA only	yes	Refer to vehicle/equipment TM	
PRESSURE/TEMPERATURE TESTS				
39	DCA only	yes	Refer to vehicle/equipment TM	
40	DCA only	yes	Refer to vehicle/equipment TM	
41	DCA only	yes	Refer to vehicle/equipment TM	
42	DCA only	yes	Refer to vehicle/equipment TM	
43	DCA only	yes	Refer to vehicle/equipment TM	
44	DCA ONLY	yes	Refer to vehicle/equipment TM	2-3-24
45		yes	Vacuum 0 to 30 inch mercury	2-3-25
46	General	yes	Vacuum variation 0 to 30 inch mercury	2-3-26
47	General	yes	Pressure 0 to 50 inch Hg.	2-3-27
48	General	yes	Vacuum 0 to 150 inch water	2-3-28
49	General	yes	Pressure 0 to 25 psig	2-3-29
50	General	yes	Pressure 0 to 1000 psig	2-3-30
51	General	yes	Pressure 0 to 9999 psig	
52-54			Reserved	
DATA/ID ENTRY/DISPLAY FUNCTIONS				
55			spare	
56			Reserved	
57			Reserved	
58	Entry		Enter number of cylinders	2-3-12
59	Display		Display number of cylinders	2-3-13
60	Entry		Enter VID	2-3-14
61	Display		Display VID	2-3-15
62	Display		Display DCA ID number	2-3-16
63	Display		Display J2 TK transducer ID number	2-3-17
64	Display		Display J3 TK transducer ID number	2-3-18
65			Reserved	

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2-3-1. OPERATING PROCEDURES (cont)

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Table 2-5 Test Selection Guide (cont)

Test Number	Type of Test	Offset Test Required	Description	Para Number
CONFIDENCE TEST				
66	Self		Vehicle test meter confidence test	2-2-3
STARTING/CHARGING SYSTEMS TESTS				
67	General		Battery voltage	2-3-31
68	DCA only		Refer to vehicle/equipment TM	
69	DCA only		Refer to vehicle/equipment TM	
70	DCA only		Refer to vehicle/equipment TM	
71	DCA only	yes	Refer to vehicle/equipment TM	
72	Special	yes	Current first peak (power cable)	2-3-46
73	Special	yes	Battery internal resistance (power cable)	2-3-47
74	Special	yes	Starter circuit resistance (power cable)	2-3-48
75	Special	yes	Battery resistance change (power cable)	2-3-49
76	Special	yes	Current first peak (test probe)	2-3-50
77	Special	yes	Battery internal resistance (test probe)	2-3-51
78	Special	yes	Starter circuit resistance (test probe)	2-3-52
79	Special	yes	Battery resistance change (test probe)	2-3-53
80	DCA only	yes	Refer to vehicle/equipment TM	
81	DCA only		Refer to vehicle/equipment TM	
82	DCA only		Refer to vehicle/equipment TM	
83	DCA only		Refer to vehicle/equipment TM	
84	DCA only		Refer to vehicle/equipment TM	
85	DCA only		Refer to vehicle/equipment TM	
86	DCA only		Refer to vehicle/equipment TM	
87	DCA only		Refer to vehicle/equipment TM	
ELECTRICAL TESTS				
88	General	yes	Live circuit resistance (low ohms)	2-3-32
89	General	yes	DC voltage 0 to 45 VDC	2-3-33
90	General	yes	DC current 0 to 1500 amps	2-3-34
91	General	yes	Resistance and continuity 0 to 4500 ohms	2-3-35
92	General	yes	Resistance 0 to 40 Kohms	2-3-36
93	General	yes	AC voltage 0 to 35 volts	2-3-37
94			Reserved	
95	General	yes	AC current test 0 to 700 amps	2-3-38
96	General		AC frequency 40 to 500 Hz (test probe)	2-3-39
97	General		AC frequency 40 to 500 Hz (current probe)	2-3-40
98	DCA only		Refer to vehicle/equipment TM	
99	DCA only		Refer to vehicle/equipment TM	

END OF PARAGRAPH